

Power crisis in Northern States

†586. SHRI MANOHAR KANT DHYANI: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that power crisis is continuously deepening in the Northern States;

(b) the power generation capacity of Uttar Pradesh and Bihar, Hydel, Thermal or others, against the total established capacity of 95601 megawatt in the country;

(c) whether Government have taken any initiatives to improve the situation in the said States with cooperation of the other States;

(d) if so, the details thereof; and

(e) if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) The details of State-wise power supply position in Northern Region during 1997-98, 1998-99, 1999-2000 from April-July, 2000 are given in Statement I and II (See below).

The installed capacity of the country was 95601 MW as on 30-11-1999. The corresponding installed generating capacity in Uttar Pradesh and Bihar was as under:—

	Steam	Gas	Diesel	Nuclear	Wind	Hydro	Total % of total all India Inst.Cap.
All India	58803	9774	728	2240	1024	23032	95601
U.P.							
State Sector	4542	--	--	--	--	1511	6053
Share from Central sector stations in N.R.	1645	482	--	44	--	211	2372
Total U.P.	6187	482	--	44	--	1722	84258.8%

†Original notice of the question was received in Hindi.

[17 August, 2000]

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1	2	3	4	5	6	7	8
Bihar							
State	1814	--	--	--	--	175	1989
Sector							
Share from Central	899	--	--	--	--	--	899
sector stations in E.R.							
Total Bihar	2713	--	--	--	--	175	2888
							3.0%

(c) to (e) The steps taken for improvement in the power supply position in U.P. and Bihar include the following:—

UTTAR PRADESH

(i) Uttar Pradesh which had been getting about 60-70 MW assistance from Eastern Region over Dehri-Sahpuri 220 kv S/C line received 394 MUs during the year 1999-2000 and 145 MU from Eastern Region during 2000-01 (upto July, 2000).

(ii) A 400 kv D/C line from Biharshariff in the Eastern Region to Allahabad in the Northern Region with HVDC at Sasaram is under execution by the Powergrid Corporation. The line is expected to be completed in about 18 months in advance of the HVDC station. It has been proposed to utilise this line for import of surplus power upto 500 MW from the surplus Eastern Region.

BIHAR

(i) During the period April-July, 2000, Bihar faced energy shortage of 5.6% and peak shortage of 15.2%. However, the Eastern Region as a whole is surplus in power and the shortages in Bihar are attributable mainly to inadequacies in its transmission and distribution system besides its inability to make payments for availing required additional power from the Central sector stations in the Eastern Region.

Statement-I

Actual Power Supply Position in the Northern Region Since Commencement of Ninth Plan

Region State/System	Energy (MU)		Region State/System	Peak Demand (MW)	
	1997-98	1998-99		1997-98	1998-99
1999-2000					
Chandigarh					
Requirement	941	1025	Peak Demand	179	197
Availability	941	1022	Peak Met	179	197
Shortage	0	3	Shortage	0	0
%	0	0.3	%	0	0
Delhi					
Requirement	14952	16500	Peak Demand	2450	2703
Availability	14676	16184	Peak Met	2283	2482
Shortage	276	316	Shortage	187	219
%	1.8	1.9	%	6.8	8.1
Haryana					
Requirement	13196	14106	Peak Demand	2233	2416
Availability	12981	13808	Peak Met	2233	2215
Shortage	215	298	Shortage	0	201
%	1.6	2.1	%	0	8.3
H.P.					
Requirement	2897	2954	Peak Demand	681	585
Availability	2895	2949	Peak Met	661	585
Shortage	2	5	Shortage	0	0
%	0.1	0.2	%	0	0

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J and K		J and K		J and K		J and K	
Requirement	5346	5784	6065	Peak Demand	1075	1150	1210
Availability	5201	5437	4903	Peak Met	1035	941	100
Shortage	145	347	1162	Shortage	40	209	206
%	2.7	6	19.2	%	3.7	18.2	17
Punjab				Punjab			
Requirement	22100	24884	26335	Peak Demand	4130	4451	5029
Availability	21928	24340	28164	Peak Met	4130	4451	5029
Shortage	172	544	171	Shortage	0	0	0
%	0.8	2.2	0.6	%	0	0	0
Rajasthan				Rajasthan			
Requirement	20655	23340	25155	Peak Demand	3195	3651	3872
Availability	20288	22768	24024	Peak Met	3166	3498	3672
Shortage	367	574	1131	Shortage	29	153	0
%	1.8	2.5	4.5	%	0.9	4.2	0
U.P.				U.P.			
Requirement	41157	42291	44525	Peak Demand	6500	6642	6580
Availability	36105	38138	38800	Peak Met	4903	5328	5056
Shortage	5052	4153	5725	Shortage	1597	1314	1522
%	12.3	9.8	12.9	%	24.6	19.8	23.1
Northern Region				Northern Region			
Requirement	121244	130884	139823	Peak Demand	18550	19789	20980
Availability	115013	124644	130743	Peak Met	16447	16490	18882
Shortage	6231	6240	9080	Shortage	2103	1913	2088
%	5.1	4.8	6.5	%	11.3	9.7	10

Statement-II

Actual Power Supply Position in the Northern Region during the current year (April, 2000—July, 2000)

Region State System	Energy (MU) April 2000—July, 2000	Region State/System	Peak Demand (MW) April 2000—July, 2000
Chandigarh	387	Chandigarh	171
Requirement	387	Peak Demand	171
Availability	0	Peak Met	0
Shortage	0	Shortage	0
%		%	
Delhi	6665	Delhi	2940
Requirement	6431	Peak Demand	2670
Availability	234	Peak Met	270
Shortage	3.5	Shortage	9.2
%		%	
Haryana	5520	Haryana	2619
Requirement	5478	Peak Demand	2619
Availability	42	Peak Met	0
shortage	0.8	Shortage	0
%		%	
H.P.	1018	H.P.	579
Requirement	1018	Peak Demand	579
Availability	0	Peak Met	0
Shortage	0	Shortage	0
%		%	

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Region State System	Energy (MU) April 2000—July, 2000	Region State/System	Peak Demand (MW) April 2000—July, 2000
J and K	2020	J and K	1101
Requirement	1749	Peak Demand	974
Availability	271	Peak Met	127
Shortage	13.4	Shortage	11.5
%		%	
Punjab	10070	Punjab	5004
Requirement	10023	Peak Demand	4904
Availability	47	Peak Met	100
Shortage	0.5	Shortage	2.0
%		%	
Rajasthan	8005	Rajasthan	3490
Requirement	7707	Peak Demand	3370
Availability	298	Peak Met	120
Shortage	37	Shortage	3.4
%		%	
U.P.	14970	U.P.	6760
Requirement	12980	Peak Demand	5793
Availability	1990	Peak Met	967
Shortage	13.3	Shortage	14.3
%		%	
Northern Region	48655	Northern Region	21340
Requirement	45773	Peak Demand	19432
Availability	2882	Peak Met	1908
Shortage	5.9	Shortage	8.9
%		%	